

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. **(previously presented):** An expression vector comprising a polynucleotide encoding for the polypeptide of SEQ ID NO:9 which hydroxylates the 24-position of an oleanane type triterpene.
2. **(previously presented):** The expression vector described in claim 1, wherein the polynucleotide is the polynucleotide of SEQ ID NO:8.
3. **(previously presented):** A transformant in which a host is transformed with the expression vector described in claim 1, wherein the host is a microorganism.
4. **(canceled).**
5. **(previously presented):** The transformant described in claim 3, wherein the microorganism is a yeast.
6. **(previously presented):** A co-expression vector comprising a polynucleotide encoding for the polypeptide of SEQ ID NO:9 and a  $\beta$ -amyrin synthase gene.

**7.** **(previously presented):** The expression vector described in claim 6, wherein the polynucleotide is the polynucleotide of SEQ ID NO:8.

**8.** **(previously presented):** A transformant in which a host is transformed with the expression vector described in claim 6, wherein the host is a microorganism.

**9.** **(canceled).**

**10.** **(previously presented):** The transformant described in claim 8, wherein the microorganism is a yeast.

**11.** **(original):** A lanosterol synthase deficient yeast mutant strain deposited as FERM BP-10201.

**12.** **(withdrawn-currently amended):** A method for producing a polypeptide that has the activity of hydroxylating that hydroxylates the 24-position of an oleanane type triterpene; which comprises: comprising a step of culturing the transformant described in claim 3; and thereby producing a to produce the polypeptide of SEQ ID NO:9.

**13.** **(withdrawn-currently amended):** A method for producing a polypeptide that has the activity of hydroxylating that hydroxylates the 24-position of an oleanane type triterpene;

and a  $\beta$ -amyrin synthase, ~~which comprises~~comprising culturing the transformant described in claim 8 to produce the polypeptide of SEQ ID NO:9 and,

- 1) ~~a step for producing the polypeptide described in claim 1 and~~
- 2) ~~a step for producing the~~a  $\beta$ -amyrin synthase.

**14.** ~~(withdrawn):~~ A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, which comprises a step of allowing the transformant described in claim 3 to act upon an oleanane type triterpene.

**15.** ~~(withdrawn-currently amended):~~ A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, ~~by~~ comprising culturing the transformant described in claim 8 in the presence of an oleanane type triterpene.

**16.** ~~(withdrawn-currently amended):~~ A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, ~~by~~ comprising culturing the yeast mutant strain described in claim 11 in the presence of an oleanane type triterpene.